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Office européen des brevets



(11)

EP 0 797 357 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
24.11.1999 Bulletin 1999/47

(51) Int. Cl.⁶: H04N 7/36, H04N 7/26,
H04N 7/50

(43) Date of publication A2:
24.09.1997 Bulletin 1997/39

(21) Application number: 97104595.0

(22) Date of filing: 18.03.1997

(84) Designated Contracting States:
DE FR GB IT

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(30) Priority: 18.03.1996 JP 6057296

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(54) Method of image coding and decoding

(57) A method of simplifying the arithmetic operation in a global motion compensation process approximates the motion vector field of the whole image without using many parameters. Motion vectors in the global motion compensation are found by the interpolation and/or extrapolation of the motion vectors of a plurality of representative points 602, 603 and 604 having particular features in the spatial distance thereof. Since a shift operation can substitute the division for synthesizing a predicted image of global motion compensation, the processing using a computer or a dedicated hardware is simplified.

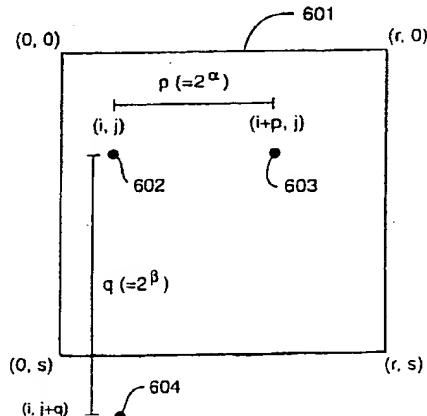


FIG. 6

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EUROPEAN SEARCH REPORT

Application Number

EP 97 10 4595

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Category	Citation of document with indication, where appropriate, of relevant passages		
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		30 September 1999	Fassnacht, C
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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